

Land Owner:
Water Supply Lat/Long:
Water Supply Depth:
Treatment (Y/N):

Ex. 6 - Personal Privacy
41.72601 / 75.87738
205'
Y

Water Supply Address:
Type of Water Supply:
Age of Water Supply:

Ex. 6 - Personal Privacy
DIMOCK, PA 18816
N/A
3 YEARS

Gas Well Operator:
Gas Well:
Gas Well Permit No:

Cabot Oil & Gas Corporation
LEWIS H. 2
3711520030

				Total Metals																Dissolved Gases					
Location	Sample Date	Sampled By	Sample ID ^d	Aluminum (mg/L)	Arsenic (mg/L)	Barium (mg/L)	Cadmium (mg/L)	Calcium (mg/L)	Chromium (mg/L)	Iron (mg/L)	Lead (mg/L)	Magnesium (mg/L)	Manganese (mg/L)	Mercury (mg/L)	Potassium (mg/L)	Selenium (mg/L)	Silver (mg/L)	Sodium (mg/L)	Strontium (mg/L)	Ethane (ug/L)	iso-Butane (ug/L)	Methane (ug/L)	n-Butane (ug/L)	Propane (ug/L)	
Primary Maximum Contaminant Levels ^a				--	0.01	2	0.005	--	0.1	--	0.015	--	--	0.002	--	0.05	--	--	--	--	--	--	--	--	
Secondary Maximum Contaminant Levels ^b				0.05-0.2	--	--	--	--	--	0.3	--	--	0.05	--	--	--	0.1	--	--	--	--	--	--	--	
Recommended Action Levels ^c				--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	28,000	--	--	
BEFORE TREATMENT AT WELL HEAD AT HYDRANT APPROX 100 GALLONS	06/24/2011	BETHANY RIEDER	Q5602	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
BEFORE TREATMENT SYSTEM AT WELL HEAD AT HYDRANT APPROX 150 GALLONS	06/24/2011	BETHANY RIEDER	Q5603	4.04	0.01	0.282	0.002	32.1	0.006	8.8	0.008	7.39	0.233	<0.0002	5.7	<0.005	<0.005	13.2	0.755	26	<0.05	910	<0.05	<0.05	
BEFORE TREATMENT SYSTEM AT WELL HEAD AT HYDRANT APPROX. 225 GALLONS	06/24/2011	BETHANY RIEDER	Q5604	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
BEFORE TREATMENT SYSTEM- AT WELL HEAD AT HYDRANT APPROX 300 GALLONS	06/24/2011	BETHANY RIEDER	Q5605	1.78	0.007	0.244	<0.002	31	<0.005	3.7	0.004	6.52	0.109	<0.0002	2.58	<0.005	<0.005	12.5	0.737	-	-	-	-	-	
BEFORE TREATMENT AT WELL HEAD AT HYDRANT APPROX 375 GALLONS	06/24/2011	BETHANY RIEDER	Q5606	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
BEFORE TREATMENT SYSTEM AT WELL HEAD AT HYDRANT APPROX 450 GALLONS	06/24/2011	BETHANY RIEDER	Q5607	3.17	0.01	0.275	<0.002	31.3	0.006	6.68	0.007	6.95	0.192	<0.0002	2.92	<0.005	<0.005	12.5	0.741	-	-	-	-	-	
BEFORE TREATMENT AT WELL HEAD AT HYDRANT APPROX 525 GALLONS	06/24/2011	BETHANY RIEDER	Q5608	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
BEFORE TREATMENT SYSTEM AT WELL HEAD AT HYDRANT APPROX 600 GALLONS	06/24/2011	BETHANY RIEDER	Q5609	2.81	0.01	0.28	<0.002	32.9	0.006	5.24	0.004	7.15	0.151	<0.0002	2.77	<0.005	<0.005	12.7	0.773	19	<0.05	720	<0.05	<0.05	
BEFORE TREATMENT @ HYDRANT - 150 GALLONS	06/24/2011	BETHANY RIEDER	680-70010-1	0.82	0.0024	0.3	<0.0001	34	<0.002	1.8	0.0028	7.1	0.13	<0.0002	2	<0.002	<0.001	13	0.74	67.5	-	1,250	-	<34	
BEFORE TREATMENT @ WELL HEAD - 600 GALLONS	06/24/2011	BETHANY RIEDER	680-70010-2	1.7	0.0044	0.28	<0.0001	34	0.0096	3.1	0.0035	7.2	0.12	<0.0002	2.3	<0.002	<0.001	12	0.73	<26	-	502	-	<34	

Notes:

a - Maximum Contaminant Levels per E.P.A.'s National Primary Drinking Water Regulations. Safe Drinking Water Act (42 USC Chapter 6A Section 300f)

b - E.P.A. National Secondary Drinking Water Regulations are non-enforceable guidelines regarding contaminants that may cause cosmetic effects or aesthetic effects in drinking water.

c - Recommended action level from the Office of Surface Mining Reclamation and Enforcement - Appalachian Regional Coordinating Center, Pittsburgh, PA (September 2001)

d - Samples with no Sample ID or a Sample ID beginning with a Q are from Quantum Laboratories. Sample ID's beginning with a D are from DEP Bureau of Laboratories.

e - Procedures for collecting water samples are detailed in the SOP (available on request) and summarized in the following: Water is run from sampling point for approximately 10 to 15 minutes to purge any water in the pipes and storage tank. If there is an aerator in the faucet it is removed prior to sampling. The sampler dons gloves and fills the appropriate containers provided by the laboratory for the respective analyses. The sampling point is swabbed inside and out with disinfectant and then purged prior to collection of samples for bacterial analysis. Field measurements are made with instruments that have been properly calibrated and the LEL of the sample headspace is measured for both hot and cold water sources, if available.

Land Owner:
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Ex. 6 - Personal Privacy
41.72601 / 75.87738
205'
Y

Water Supply Address:
Type of Water Supply:
Age of Water Supply:

Ex. 6 - Personal Privacy
N/A
3 YEARS

Gas Well Operator:
Gas Well:
Gas Well Permit No:

Cabot Oil & Gas Corporation
LEWIS H. 2
3711520030

Water Well Analytical Data

				Petroleum										Volatile Organic Compounds										Other							
Location	Sample Date	Sampled By	Sample ID ^a	Benzene (mg/L)	Ethylbenzene (mg/L)	m,p-Xylenes (mg/L)	MTBE (mg/L)	o-Xylene (mg/L)	Oil & Grease (mg/L)	Toluene (mg/L)	TPH (mg/L)	Xylenes, total (mg/L)	1,2,4-TRICHLORO-BENZENE (UG/L)	1,2,4-Trimethylbenzene (mg/L)	1,3,5-Trimethylbenzene (mg/L)	Isopropylbenzene (mg/L)	n-Butylbenzene (mg/L)	n-Propylbenzene (mg/L)	Napthalene (mg/L)	p-Isopropyltoluene (mg/L)	sec-Butylbenzene (mg/L)	Xylenes, Total (mg/L)	Alkalinity (mg/L)	Bromide (mg/L)	CGI (%)	Ethylene Glycol (mg/L)	Hardness (mg/L)	Nitrate as N (mg/L)	Sulfate (mg/L)		
Primary Maximum Contaminant Levels ^a				0.005	0.7	-	-	-	-	1	-	10	-	-	-	-	-	-	-	-	-	-	10	-	-	-	-	-	-	10	-
Secondary Maximum Contaminant Levels ^b				-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	250
Recommended Action Levels ^c				-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BEFORE TREATMENT AT WELL HEAD AT HYDRANT APPROX 100 GALLONS	06/24/2011	BETH-ANY RIEDER	Q5602	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<1	-	-	-	-	
BEFORE TREATMENT SYSTEM AT WELL HEAD AT HYDRANT APPROX 150 GALLONS	06/24/2011	BETH-ANY RIEDER	Q5603	<0.0005	<0.0005	-	-	-	<5	<0.0005	-	-	-	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	115	-	<1	<10	111	<1	<40	
BEFORE TREATMENT SYSTEM AT WELL HEAD AT HYDRANT APPROX. 225 GALLONS	06/24/2011	BETH-ANY RIEDER	Q5604	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<1	-	-	-	-	
BEFORE TREATMENT SYSTEM- AT WELL HEAD AT HYDRANT APPROX 300 GALLONS	06/24/2011	BETH-ANY RIEDER	Q5605	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<1	-	-	-	-	
BEFORE TREATMENT AT WELL HEAD AT HYDRANT APPROX 375 GALLONS	06/24/2011	BETH-ANY RIEDER	Q5606	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<1	-	-	-	-	
BEFORE TREATMENT SYSTEM AT WELL HEAD AT HYDRANT APPROX 450 GALLONS	06/24/2011	BETH-ANY RIEDER	Q5607	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<1	-	-	-	-	
BEFORE TREATMENT AT WELL HEAD AT HYDRANT APPROX 525 GALLONS	06/24/2011	BETH-ANY RIEDER	Q5608	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<1	-	-	-	-	
BEFORE TREATMENT SYSTEM AT WELL HEAD AT HYDRANT APPROX 600 GALLONS	06/24/2011	BETH-ANY RIEDER	Q5609	<0.0005	<0.0005	-	-	-	<5	<0.0005	-	-	-	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	115	-	<1	<10	112	<1	32	
BEFORE TREATMENT @ HYDRANT - 150 GALLONS	06/24/2011	BETH-ANY RIEDER	680-70010-1	<0.0005	<0.0005	-	-	-	<2.5	<0.0005	-	<0.001	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.005	<0.0005	<0.0005	<0.0005	-	420	<0.02	-	<10	110	0.35	11	
BEFORE TREATMENT @ WELL HEAD - 600 GALLONS	06/24/2011	BETH-ANY RIEDER	680-70010-2	<0.0005	<0.0005	-	-	-	<2.5	<0.0005	-	<0.001	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.005	<0.0005	<0.0005	<0.0005	-	370	<0.02	-	<10	110	0.51	11	

Notes:

a - Maximum Contaminant Levels per E.P.A.'s National Primary Drinking Water Regulations. Safe Drinking Water Act (42 USC Chapter 6A Section 300f)

b - E.P.A. National Secondary Drinking Water Regulations are non-enforceable guidelines regarding contaminants that may cause cosmetic effects or aesthetic effects in drinking water.

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d - Samples with no Sample ID or a Sample ID beginning with a Q are from Quantum Laboratories. Sample ID's beginning with a D are from DEP Bureau of Laboratories.

e - Procedures for collecting water samples are detailed in the SOP (available on request) and summarized in the following: Water is run from sampling point for approximately 10 to 15 minutes to purge any water in the pipes and storage tank. If there is an aerator in the faucet it is removed prior to sampling. The sampler dons gloves and fills the appropriate containers provided by the laboratory for the respective analyses. The sampling point is swabbed inside and out with disinfectant and then purged prior to collection of samples for bacterial analysis. Field measurements are made with instruments that have been properly calibrated and the LEL of the sample headspace is measured for both hot and cold water sources, if available.

Land Owner:
Water Supply Lat/Long:
Water Supply Depth:
Treatment (Y/N):

Ex. 6 - Personal Privacy
41.72601 / 75.87738
205'
Y

Water Supply Address:
Type of Water Supply:
Age of Water Supply:

[REDACTED]
N/A
3 YEARS

Gas Well Operator:
Gas Well:
Gas Well Permit No:

Cabot Oil & Gas Corporation
LEWIS H. 2
3711520030

Water Well Analytical Data

				Water Quality Indicator Parameters															Biological	
Location	Sample Date	Sampled By	Sample ID ^a	LEL (%)	TEMP (mg/L)	TSS (mg/L)	Total Phosphorus (mg/L)	Conductivity (µS/cm)	DO (mg/L)	DIP (mg/L)	pH (pH units)	Chloride (mg/L)	Ammonia (mg/L)	Sulfide (mg/L)	TDS (mg/L)	TSS (mg/L)	Turbidity (ntu)	Fecal Coliform (cfu/100 ml)	Total Coliform (cfu/100 ml)	
Primary Maximum Contaminant Levels ^a				-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	0
Secondary Maximum Contaminant Levels ^b				-	-	-	-	-	-	-	6.5-8.5	250	0.5	-	500	-	-	-	-	-
Recommended Action Levels ^c				-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BEFORE TREATMENT @ HYDRANT - 450 GALLONS	06/24/2011	BETHANY RIEDER	680-70010-3	-	-	-	-	-	-	-	-	-	-	-	-	130	-	-	-	
BEFORE TREATMENT @ HYDRANT - 500 GALLONS	06/24/2011	BETHANY RIEDER	680-70010-4	-	-	-	-	-	-	-	-	-	-	-	-	89	-	-	-	
WELL-1- BEFORE TREATMENT AT HYDRANT	06/30/2011	BETHANY RIEDER	Q5629	<1	-	-	-	126	5.37	139.9	6.83	6.51	<0.08	<1	152	12	13	<1	<1	
BEFORE TREATMENT SYSTEM AT TOP OF HYDRANT	10/11/2011	BETHANY RIEDER	Q5830	<1	-	-	-	148	2.86	37.3	7.64	14.7	<0.04	<1	144	2	5	<1	<1	

Notes:

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Land Owner:
Water Supply Lat/Long:
Water Supply Depth:
Treatment (Y/N):

Ex. 6 - Personal Privacy
41.7280177527738
205'
Y

Water Supply Address:
Type of Water Supply:
Age of Water Supply:

Ex. 6 - Personal Privacy
DIMOCK, PA 18816
N/A
3 YEARS

Gas Well Operator:
Gas Well:
Gas Well Permit No:

Cabot Oil & Gas Corporation
LEWIS H. 2
3711520030

Water Well Analytical Data

				Total Metals																	Dissolved Gases					
Location	Sample Date	Sampled By	Sample ID ^a	Aluminum (mg/L)	Arsenic (mg/L)	Barium (mg/L)	Cadmium (mg/L)	Calcium (mg/L)	Chromium (mg/L)	Iron (mg/L)	Lead (mg/L)	Magnesium (mg/L)	Manganese (mg/L)	Mercury (mg/L)	Potassium (mg/L)	Selenium (mg/L)	Silver (mg/L)	Sodium (mg/L)	Strontium (mg/L)	Ethane (ug/L)	iso-Butane (ug/L)	Methane (ug/L)	n-Butane (ug/L)	Propane (ug/L)		
Primary Maximum Contaminant Levels ^a				-	0.01	2	0.005	-	0.1	-	0.015	-	-	-	0.002	-	0.05	-	-	-	-	-	-	-		
Secondary Maximum Contaminant Levels ^b				0.05-0.2	-	-	-	-	-	0.3	-	-	-	0.05	-	-	-	0.1	-	-	-	-	-	-		
Recommended Action Levels ^c				-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	28,000	-	-		
BEFORE TREATMENT @ HYDRANT - 450 GALLONS	06/24/2011	BETHANY RIEDER	680-70010-3	3.1	0.0077	0.29	<0.0001	33	0.0035	6.8	0.0064	7.8	0.019	<0.0002	3.2	<0.002	<0.001	12	0.72	-	-	-	-	-		
BEFORE TREATMENT @ HYDRANT - 300 GALLONS	06/24/2011	BETHANY RIEDER	680-70010-4	0.34	0.0013	0.26	<0.0001	35	<0.002	0.8	0.0035	7	0.072	<0.0002	1.8	<0.002	<0.001	12	0.75	-	-	-	-	-		
WELL1- BEFORE TREATMENT AT HYDRANT	06/30/2011	BETHANY RIEDER	Q5629	0.47	<0.01	0.23	<0.001	33.6	<0.005	1.1	<0.01	6.8	0.046	<0.0002	1.8	<0.015	<0.005	12.4	0.79	26	<0.05	880	<0.05	<0.05		
BEFORE TREATMENT SYSTEM AT TOP OF HYDRANT	10/11/2011	BETHANY RIEDER	Q5830	<0.08	<0.003	0.24	<0.001	33	0.0021	0.5	0.0075	6.8	0.01	<0.0002	1.8	<0.005	<0.002	12.5	0.78	26	<0.05	950	<0.05	<0.05		

Notes:

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Land Owner:

Ex. 6 - Personal Privacy

Water Supply Lat/Long:

41.72601 / 75.87738

Water Supply Depth:

205'

Treatment (Y/N):

Y

Water Supply Address:

Ex. 4 - Personal Property

Type of Water Supply:

N/A

Age of Water Supply:

3 YEARS

Gas Well Operator:

Cabot Oil & Gas Corporation

Gas Well:

LEWIS H. 2

Gas Well Permit No:

3711520030

Location	Sample Date	Sampled By	Sample ID	Benzene (mg/L)	Ethylbenzene (mg/L)	Propylbenzene (mg/L)	MX (mg/L)	p-Xylene (mg/L)	Oil & Grease (mg/L)	Toluene (mg/L)	TPH (mg/L)	Xylenes, total (mg/L)	1,2,4-TRICHLOROETHYLENE (UG/L)	1,2,4,5-Tetramethylbenzene (mg/L)	1,3,5-Tetramethylbenzene (mg/L)	Isopropylbenzene (mg/L)	n-Butylbenzene (mg/L)	n-Propylbenzene (mg/L)	Naphthalene (mg/L)	p-Isopropyltoluene (mg/L)	m-Butylbenzene (mg/L)	Xylenes, Total (mg/L)	Alkalinity (mg/L)	Bromide (mg/L)	Chloride (mg/L)	Phenols (mg/L)	Hardness (mg/L)	Nitrate as N (mg/L)	Sulfate (mg/L)
				0.005	0.7	-	-	-	-	-	-	10	-	-	-	-	-	-	-	-	-	10	-	-	-	-	-	10	-
Primary Maximum Contaminant Levels ^a				-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	250
Secondary Maximum Contaminant Levels ^b				-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Recommended Action Levels ^c				-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BEFORE TREATMENT @ HYDRANT - 450 GALLONS		06/24/2011	BETHANY RIEDER	680-70010-3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BEFORE TREATMENT @ HYDRANT - 300 GALLONS		06/24/2011	BETHANY RIEDER	680-70010-4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WELL1- BEFORE TREATMENT AT HYDRANT		06/30/2011	BETHANY RIEDER	Q5629	<0.0005	<0.0005	-	-	<5	<0.0005	-	-	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	115	-	<1	<10	112	<1	13
BEFORE TREATMENT SYSTEM AT TOP OF HYDRANT		10/11/2011	BETHANY RIEDER	Q5830	<0.0005	<0.0005	-	-	<5	<0.0005	-	-	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	115	<1	<1	<10	110	<1	13

Notes:

a - Maximum Contaminant Levels per E.P.A.'s National Primary Drinking Water Regulations - Safe Drinking Water Act (42 USC Chapter 6A Section 3009)

b - E.P.A. National Secondary Drinking Water Regulations are non-enforceable guidelines regarding contaminants that may cause cosmetic effects or aesthetic effects in drinking water.

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